

Converting Colors

YUV(159.1700, 26.0452,
46.3319)

Have a look what the booklet for
YUV(159.1700, 26.0452, 46.3319)
contains.

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Color

**YUV(159.1700, 26.0452,
46.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	D47AD4
RGB	212, 122, 212
RGB Percent	83%, 48%, 83%
CMY	0.1686, 0.5216, 0.1686
CMYK	0.00, 0.42, 0.00, 0.17
HSL	300°, 51%, 65%
HSV	300°, 42%, 83%
XYZ	45.9946, 32.6696, 66.1690
YIQ	159.1700, 24.7500, 47.0700

Conversions

Conversions Part 2

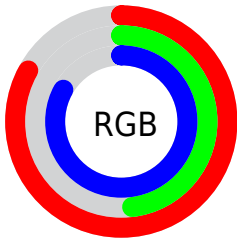
Format	Color
R_{YB}	212, 122, 212
Decimal	13925076
CIE Lab	63.89, 48.18, -31.66
CIE LCh	64, 57.655, 326.692
Yxy	32.6696, 0.3176, 0.2256
Android (android.graphics.Color)	4292115156 (0xFFD47AD4)
YUV	159.1700, 26.0452, 46.3319
Hunter-Lab	57.1573, 43.6139, -28.6279

Details

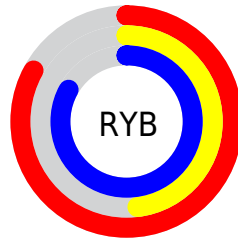
The YUV color **159.1700, 26.0452, 46.3319** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **174.8300, -26.0452, -46.3319**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2140, 22.5725, 40.1543**, and **105.0450, 25.6138, 44.6875** is the 20% darker color. If you saturate the color by 10%, you get **146.8430, 32.1224, 57.1427**, and if you desaturate by 10%, it is **171.4970, 19.9680, 35.5211**.

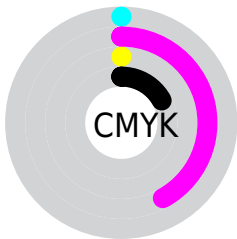
Distribution



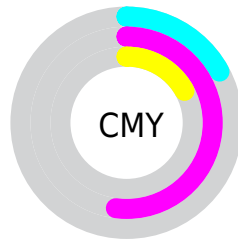
- Red (83%)
- Green (48%)
- Blue (83%)



- Red (83%)
- Yellow (48%)
- Blue (83%)



- Cyan (0%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)





- Cyan (17%)
- Magenta (52%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.1700, 26.0452, 46.3319 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 159.1700, 26.0452, 46.3319 by changing the saturation by 10% instead.

 159.1700, 26.0452,
46.3319


 159.1700, 26.0452,
46.3319

255.0000, 0.0000,
0.0000

 132.0450, 25.6138,
44.6875


 209.2140, 22.5725,
40.1543


 105.0450, 25.6138,
44.6875


 225.6500, 14.4696,
25.7400

 78.4470, 25.9086,
43.4580

 242.6730, 6.0772,
10.8108

 48.9250, 27.6450,
46.5468

 31.9580, 24.1777,
38.6248

 21.7470, 17.3797,
25.6549

 11.4650, 11.6028,

11.8702

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 159.1700, 26.0452,
46.3319

■ 159.1700, 26.0452,
46.3319

■ 146.8430, 32.1224,
57.1427

■ 171.4970, 19.9680,
35.5211

■ 134.5160, 38.1996,
67.9535

■ 183.8240, 13.8908,
24.7104

■ 121.6020, 44.5662,
79.2790

■ 196.7380, 7.5242,
13.3848

■ 109.2750, 50.6434,
90.0898

■ 209.0650, 1.4470,
2.5740

■ 96.9480, 56.7206,
100.9006

■ 221.3920, -4.6303,
-8.2368

■ 87.5560, 61.3509,
109.1374

■ 233.7190,
-10.7075, -19.0476

■ 237.2410,
-12.4438, -22.1364

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



156.3400, 44.6954, -9.0682



159.1700, 26.0452, 46.3319



154.9340, 3.9765, 78.1109

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



159.1700, 26.0452, 46.3319



148.9790, -51.7546, 33.3444



127.8730, 35.5586, -112.1446

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



159.1700, 26.0452, 46.3319



174.8300, -26.0452, -46.3319

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



121.8310, 12.4083, -106.8458



159.1700, 26.0452, 46.3319



144.2020, -43.4836, -6.3162

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



159.1700, 26.0452, 46.3319



152.3370, -41.0851, 64.6025



134.0010, -18.7345, -57.8829



129.4980, 54.4775, -113.5697

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



159.1700, 26.0452, 46.3319



153.0260, -12.3378, 84.1692



134.0010, -18.7345, -57.8829



126.5220, 27.8437, -110.9598

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



159.1700, 26.0452, 46.3319



235.6290, 9.5499, 16.9884



132.2600, 39.3118, -8.9980



115.6730, 6.0772, 10.8108



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.1700, 26.0452, 46.3319



178.6900, 37.6208, 66.9239



154.0400, 6.3893, 50.8309



100.5430, 3.1833, 5.6628



70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



159.1700, 26.0452, 46.3319



178.6900, 37.6208, 66.9239



179.9600, -6.3893, -50.8309



100.5430, 3.1833, 5.6628



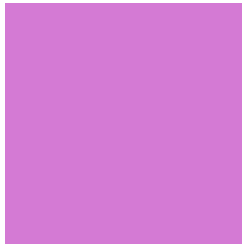
70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 159.1700, 26.0452, 46.3319 looks on a white background.

Color Contrast Check

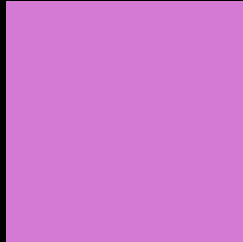
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 159.1700, 26.0452, 46.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

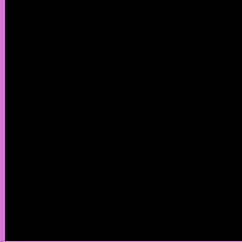
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.1700, 26.0452, 46.3319

Background



This preview shows how black text looks on a background with the YUV color 159.1700, 26.0452, 46.3319.



This preview shows how white text looks on a background with the YUV color 159.1700, 26.0452, 46.3319.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

159.1700, 26.0452, 46.3319

Protanopia

153.8020, 40.5236, -24.3824

Deuteranopia

155.7530, 24.7718, -12.0614



Tritanopia

157.5860, -5.2189, 40.7051

Trichromacy



Original Color

159.1700, 26.0452, 46.3319



Protanomaly

155.5880, 35.2061, 1.2383



Deuteranomaly

156.9990, 25.1435, 8.7709



Tritanomaly

158.2840, 6.2690, 42.7239

Monochromacy



Original Color

159.1700, 26.0452, 46.3319



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.2160, 9.2605, 16.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1700, 26.0452, 46.3319 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 122, 212)` looks like.

```
.text, #text, p{  
    color:rgb(212, 122, 212)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 122, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 122, 212) }
```

Border

The CSS property to change the border of an element to YUV 159.1700, 26.0452, 46.3319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 122, 212) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(212, 122, 212) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(212, 122, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 122, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 122, 212);  
box-shadow:4px 4px 4px 4px rgb(212, 122,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 159.1700, 26.0452, 46.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 122, 212) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
122, 212) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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